

SUBSTITUTE FORM PTO-1449  
(MODIFIED)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
MRD/75SERIAL NO.  
UnknownINFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(Use several sheets if necessary)

(37 CFR 1.98(b))

APPLICANT  
Achilefu et al.FILING DATE  
February 7, 2002GROUP  
Unknown

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>RG</i>	A.A	5	4	5	3	5	0	5	09/1995	Lee et al.	544	124	
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## FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION (YES/NO)
<i>RG</i>	A.L	WO 96/17628	06/1996	Germany	—	—	Abstract
<i>RG</i>	A.M	WO 98/22146	05/1998	Germany	—	—	Abstract
<i>RG</i>	A.N	WO 98/48838	11/1998	England	—	—	
<i>RG</i>	A.O	WO 98/48846	11/1998	England	—	—	
	A.P						
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<i>RG</i>	A.R	Woolam et al., <u>Cancer Statistics, 2000: A Benchmark for the New Century</u> , 2000, CA-A Cancer Journal For Clinicians, 50 (1), pp. 6-33
<i>RG</i>	A.S	Caesar et al., <u>The Use of Indocyanine Green in the Measurement of Hepatic Blood Flow and as a Test of Hepatic Function</u> , 1961, Clinical Science, 21, pp. 43-57
<i>RG</i>	A.T	Mujumdar et al., <u>Cyanine Dye Labeling Reagents: Sulfoindocyanine Succinimidyl Esters</u> , 1993, Bioconjugate Chemistry, 4 (2), pp. 105-111

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Substitute Disclosure Form (PTO-1449)

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Achilefu et al.

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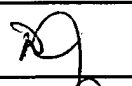


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	B.R	Bellnier et al., <u>Murine pharmacokinetics and antitumor efficacy of the photodynamic sensitizer 2-[1-hexyloxyethyl]-2-devinyl pyropheophorbide-a</u> , 1993, Journal of Photochemistry and Photobiology B: Biology, 20, pp. 55-61
	B.S	Wagnieres et al., <u>In Vivo Fluorescence Spectroscopy and Imaging for Oncological Applications</u> , 1998, Photochemistry and Photobiology, 68 (5), pp. 603-632
	B.T	Reynolds et al., <u>Imaging of Spontaneous Canine Mammary Tumors Using Fluorescent Contrast Agents</u> , 1999, Photochemistry and Photobiology, 70 (1), pp. 87-94

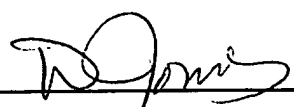
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SUBSTITUTE FORM PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. MRD/75		SERIAL NO. <del>Unknown</del> 10/07/770	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				APPLICANT Achilefu et al.			
(Use several sheets if necessary)				FILING DATE February 7, 2002		GROUP <del>Unknown</del> 1614	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
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M	C.R	Ballou et al., <u>Tumor labeling in vivo using cyanine-conjugated monoclonal antibodies</u> , 1995, Cancer Immunology, Immunotherapy, 41, pp. 257-263					
Dg	C.S	Weissleder et al., <u>In vivo imaging of tumors with protease-activated near-infrared fluorescent probes</u> , April 1999, Nature Biotechnology, 17, pp. 375-378					
M	C.T	Licha et al., <u>New Contrast Agents for Optical Imaging: Acid-Cleavable Conjugates of Cyanine Dyes with Biomolecules</u> , January 1999, Part of the SPIE Conference on Molecular Imaging: Reporters, Dyes, Markers, and Instrumentation, San Jose, California, 3600, pp. 29-35					
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STATEMENT BY APPLICANTAPPLICANT  
Achilefu et al.

(37 CFR 1.98(b))

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	D.R	Dougherty et al., <u>Photoradiation Therapy. II. Cure of Animal Tumors With Hematoporphyrin and Light</u> , July 1975, Journal of the National Cancer Institute, 55 (1), pp. 115-121
	D.S	Achilefu et al., <u>Novel Receptor-Targeted Fluorescent Contrast Agents for In Vivo Tumor Imaging</u> , 2000, Investigative Radiology, 35 (8), pp. 479-485
	D.T	Benaron and Stevenson, <u>Optical Time-of-Flight and Absorbance Imaging of Biologic Media</u> , March 1993, Science, New Series, 259 (5100), pp. 1463-1466

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	E.R	de Jong et al., <u>Comparison of <sup>111</sup>In-labeled Somatostatin Analogues for Tumor Scintigraphy and Radionuclide Therapy</u> , February 1998, Cancer Research, 58, pp. 437-441
	E.S	Folli et al., <u>Immunophotodiagnosis of colon carcinomas in patients injected with fluoresceinated chimeric antibodies against carcinoembryonic antigen</u> , September 1992, Proceedings of the National Academy of Sciences USA, 89, pp. 7973-7977
	E.T	Ballou et al., <u>Tumor Detection and Visualization Using Cyanine Fluorochrome-Labeled Antibodies</u> , 1997, Biotechnology Progress, 13, pp. 649-658

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	F.R.	Tajiri et al., <u>Fluorescent diagnosis of experimental gastric cancer using a tumor-localizing photosensitizer</u> , 1997, Cancer Letters, 111, pp. 215-220
	F.S.	Sackmann, <u>Fluorescence Diagnosis in GI Endoscopy</u> , 2000, Endoscopy, 32 (12), pp. 977-985
	F.T.	Mizushige et al., <u>Enhancement of Ultrasound-Accelerated Thrombolysis by Echo Contrast Agents: Dependence on Microbubble Structure</u> , 1999, Ultrasound in Medicine and Biology, 25 (9), pp. 1431-1437

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## U.S. PATENT DOCUMENTS

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	G.R	Frinking et al., <u>Ultrasound Contrast Imaging: Current and New Potential Methods</u> , 2000, Ultrasound in Medicine and Biology, 26 (6), pp. 965-975
	G.S	Rezzoug et al., <u>In vivo photodynamic therapy with meso-tetra(m-hydroxyphenyl)chlorin (mTHPC): influence of light intensity and optimization of photodynamic efficiency</u> , September 1996, The Society of Photo-Optical Instrumentation Engineers, 2924, pp. 181-186
	G.T	Stranadko et al., <u>Photodynamic therapy of recurrent cancer of oral cavity, an alternative to conventional treatment</u> , September 1996, The Society of Photo-Optical Instrumentation Engineers, 2924, pp. 292-297

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09	H.R	Müller et al., <u>Medical Optical Tomography: Functional Imaging and Monitoring</u> , 1993, The Society of Photo-Optical Instrumentation Engineers, Volume IS11 (Table of Contents only)
09	H.S	Tearney et al., <u>In Vivo Endoscopic Optical Biopsy with Optical Coherence Tomography</u> , June 1997, Science, 276, 2037-2039
09	H.T	Tromberg et al., <u>Non-invasive measurements of breast tissue optical properties using frequency-domain photon migration</u> , 1997, Philosophical Transactions: Biological Sciences, 352 (1354), pp. 661-668

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


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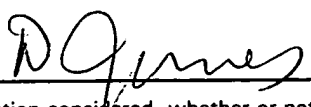
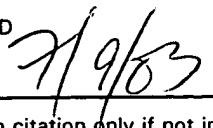
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	I.S	Pelegrin et al., <u>Photoimmunodiagnosis with antibody-fluorescein conjugates: in vitro and in vivo preclinical studies</u> , 1992, J Cell Pharmacology, 3, p. 141-145
	I.T	Wilson, <u>Optical Properties of Tissues</u> , 1991, Encyclopedia of Human Biology, 5, pp. 587-597

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT				APPLICANT Achilefu et al.			
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	J.R	He et al., Measurement of blood volume using indocyanine green measured with pulse-spectrophotometry: Its reproducibility and reliability, 1998, Critical Care Medicine, 26 (8), pp. 1446-1451					
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